



## MATERIAL SAFETY DATA SHEET

### 01. IDENTIFICATION OF THE SUBSTANCE/MIXTURE & OF THE COMPANY/UNDERTAKING

1:1-Product Identifiers:					
Product name		NEROLI OIL LIGHT WHC616			
Biological Definition		Obtained from the steam distillation of the flowers of the bitter orange tree, Citrus aurantium L. var. amara L., Rutaceae and then by formulated blending of the oil with other citrus oils, citrus oil derivatives and fractions and other aromatic ingredients such that the final profile replicates in a general way the profile and odour characteristics of true Neroli Oil (Natural)			
INCI Name		Citrus Aurantium Amara Flower Oil, Parfum			
Synonyms & Trade Names		Neroli Phase Oil			
Reach Registration Number		No additional data available			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	68916-04-1 / 72968-50-4 /-	EC No.	277-143-2 / -	EINECS No.	277-143-2 / -

### 1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:

Identified Uses	No additional data available
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### 1:3 – Details of the supplier of the Safety data sheets.




Company Name	The Soap Kitchen Unit 8 Caddsdawn Industrial Park, Clovelly Road, Bideford, Devon EX39 3DX Tel: 01237 420872 (+44 (0)1237 420872) Email: it@thesoapkitchen.co.uk
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### 02. HAZARDS IDENTIFICATION

#### 2:1 Classification of the substance or mixture

Classification (1999/45)	The full Text for all Hazard statements are displayed in section 16
Classification (EC 1272/2008)	Physical and Chemical Hazards : FL4 H227 Human health Asp. : Tox. 1 – AH1 H304, Skin Irrit 2 – SC12 H315, Skin Sens 1 – SS1 H317 Environment : Aquatic Chronic 2 – EHC2 H411

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2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>GHS08</p>  </div> <div style="text-align: center;"> <p>GHS09</p>  </div> <div style="text-align: center;"> <p>GHS07</p>  </div> </div>
2:3 - Other hazards	
Signal Word	Danger
Contains	Linalyl acetate, Linalool, Limonene, Geranyl acetate, Phenyl ethyl alcohol.
Hazard Statements	<p>H304 May be fatal if swallowed and enters airways.</p> <p>H315 Causes skin irritation</p> <p>H317 May cause an allergic skin reaction.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
Precautionary Statements	<p>P210 Keep away from heat/sparks/open flames/hot surfaces – no smoking</p> <p>P241 Use explosion proof electrical/ventilating/lighting/equipment</p> <p>P262 Do not get in eyes, on skin or on clothing.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/eye protection/face protection</p> <p>P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P303/361/353 If on skin (or hair): remove/take off immediately all contaminated clothing. Rinse skin with water/shower</p> <p>P331 Do NOT induce vomiting.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container to ...</p>
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	No additional data available
Adverse physio-chemical properties	No additional data available
Adverse effects on human health	No additional data available

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	No additional data available
3:2 - Mixtures	

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Mixtures	<b>20-30% Linalyl Acetate</b> CAS-No.: 115-95-7 EC No.: 204-116-4 Classification (EC 1272/2008) FL4, SCI3, EHA2
	<b>11-21% Linalool</b> CAS-No.: 78-70-6 EC No.: 201-134-4 Classification (EC 1272/2008) FL4, SCI2, AT05, EHA3
	<b>9-19% Limonene</b> CAS-No.: 5989-27-5 EC No.: 227-813-5 Classification (EC 1272/2008) AH1, EHC1, FL3, SCI2, SS1
	<b>6-10% Geranyl Acetate</b> CAS-No.: 105-87-3 EC No.: 203-341-5 Classification (EC 1272/2008) EHC2, SCI3, EHA2
	<b>2-7% Phenyl Ethyl Alcohol</b> CAS-No.: 60-12-8 EC No.: 200-456-2 Classification (EC 1272/2008) ATO5, EDI2A
	<b>1.5 – 3.5% Citronellol</b> CAS-No.: 106-22-9 EC No.: 203-375-0 Classification (EC 1272/2008) SCI2, SS1, ATD5, ATO5, EHA2
	<b>1-3% Geraniol</b> CAS-No.: 106-24-1 EC No.: 203-377-1 Classification (EC 1272/2008) SCI2, SS1, ATO5, EDI1, EHA2

### 04. FIRST AID MEASURES

4:1 – Description of first aid measures	
General Advice	No additional data available
Inhalation	Remove to fresh air for at least 15 minutes, in case of complaints seek medical attention.
Ingestion	DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention immediately.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

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Eye Contact	Immediately flush with plenty of pure water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
4:2 – Most important symptoms and effects, both acute and delayed	
Symptoms and effects	Inhalation : Can cause slight headache Skin contact : Can cause slight skin rash Eye contact : Can cause bloodshot eyes
4:3 – Indication of any immediate medical attention and special treatment needed	
Special requirements	Immediate medical assistance : See point 4.1 Immediate/ special treatment: See point 4.1 First aid specific means : Eye wash fountain/safety shower should be available in the work area.

### **05. FIRE-FIGHTING MEASURES**

5:1 - Extinguishing Media	
Suitable extinguishing Media	Small fire use: Carbon dioxide (CO <sub>2</sub> ). Foam, dry Powder. Large fire: Use water spray or fog – cool containing vessels with water jet in order to prevent pressure build up, auto-ignition or explosion.
Unsuitable extinguishing Media-DO NOT USE	Pressurised Water jets
5:2 - Special Hazards arising from substance or mixture	
Specific hazards	Vapours may form explosive mixture with air – in case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ), smoke, soot.
5:3 – Advice for firefighters	
Special firefighting procedures/ protective actions.	Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways. Protective equipment for fire-fighters Wear full protective clothing.

### **06. ACCIDENTAL RELEASE MEASURES**

6:1 - Personal Precautions, protective equipment and emergency procedures.	
Personal precautions	For non- emergency personnel: In an emergency (i.e. unintentional important release of the product in enclosed space)

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	<p>respiratory protection (Gas filter A, colour code brown: consider the maximum duration of wear) must be worn. Use insulating device for respiratory protection with an independent air supply in circumstances which are unclear – use adequate protection, solvent resistant: security shoes, bodysuit, gloves and protective goggles (see point 8)</p> <p>For emergency responders: As per non -emergency personnel.</p> <p>Emergency procedures: Remove any ignition source and ensure adequate ventilation in working areas following accidental release.</p>
<b>6:2 - Environmental Precautions</b>	
Environmental Precautions	Do not discharge into drains. Keep away from surface and ground water.
<b>6:3 – Methods and materials for containment and cleaning up</b>	
Spill Clean Up Methods	Keep away from heat and use non-combustible absorbing sawdust (sand, specific binder). Refer to point 13 for the appropriate method of waste treatment.
<b>6:4 – Reference to other sections</b>	
Reference to other sections	<p>Section 4 – First aid measures</p> <p>Section 8 – Exposure controls/ personal protection for further information on personal precautions,</p> <p>Section 13 – Disposal considerations for further information on waste treatment.</p>



### **07. HANDLING AND STORAGE**

<b>7:1 – Precautions for safe handling</b>	
Usage precautions	<p>Safe handling : During handling keep original container closed – avoid contact with skin and eyes – wear adequate protective gloves and eye/face protection – avoid any sources of ignition – avoid exposing to high temperature during processing – maintain adequate local and general ventilation where product is handled.</p> <p>Hygiene at work : Do not ingest or apply to the skin as such – no smoking – remove contaminated clothing – good personal washing routines should be followed – if at risk of contamination, foods,</p>

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	beverages and other articles of consumption must not be stored or consumed at the work areas.
<b>7:2 – Conditions for safe Storage including any incompatibilities</b>	
Storage Precautions	<p>Container : To be stored in stainless steel drums, preferably under inert atmosphere (nitrogen) with minimum head space, protect from day light. <b>Take note</b> : The container used during transportation must be considered only as a temporary container and it must not be considered in any case adequate for medium or long term warehousing.</p> <p>Conditions : Store in a dry. Aerated place, away from any heat source and ignition source.</p> <p>Temperature : From 5<sup>o</sup>C to 20<sup>o</sup></p>
Suitable Packaging	No additional data available
<b>7:3 – Specific end use (s)</b>	
End Uses	Use as odour agent – the information of this section is not related to the use of the product in combination with any other material or any other process altering its characteristic

### **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8:1 – Control parameters</b>	
Protective Equipment	 
Components with workplace control parameters	Occupational exposure limit: Not determined.
<b>8:2 – Exposure controls</b>	
Engineering Measures	No additional data available.
Respiratory Equipment	Not necessary in adequate local with general ventilation – avoid breathing vapours.
Hand Protection	Suitable gloves tested to EN374 (should be checked regularly) – always use with clean, dry hands.

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Eye Protection	Protective goggles with built in frame tested to EN166 (should be checked regularly).
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal protection	Use personal protection according to Directive 89/686/EEC.
Skin protection	Protective work clothing solvent resistant (should be checked regularly).
Environmental exposure controls	Avoid discharging into drainage water. Only remove via authorised companies.

### **09. PHYSICAL AND CHEMICAL PROPERTIES**

#### 9:1 - Information on basic physical and chemical properties.

Appearance	Clear liquid
Colour	Colourless to pale yellow
Odour	Characteristic – strong neroli note
Relative Density	0.914 - 0.924 @ 20°C
Flash Point (°C)	Approx. 71°C
Refractive Index	1.471 - 1.481 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.
<b>9:2 - Other information</b>	
Other Information	No additional data available.

### **10. STABILITY AND REACTIVITY**

#### 10:1- Reactivity

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Reactivity	Product not reactive with water- product not reactive if used according to storage and handling conditions and identified uses.
<b>10:2 - Chemical stability</b>	
Stability	Chemically stable if used according to storage and handling conditions and identified uses. Shelf life: 365 days as per recommended storage and handling conditions see section 7
<b>10:3 - Possibility of hazardous reactions</b>	
Possible hazardous reactions	None if used according to storage and handling conditions and identified uses.
<b>10:4 - Conditions to avoid</b>	
Conditions to Avoid	Avoid exposure heat, flames and other sources of ignition
<b>10:5 – Incompatible materials</b>	
Incompatible materials	Highly oxidising agents.
<b>10:6 - Hazardous Decomposition Products</b>	
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide and unidentified organic compounds may be formed during combustion.

### **11. TOXOLOGICAL INFORMATION**

<b>11:1 Information on toxicological effects</b>	
Acute Toxicity	This preparation has not been subject to ecotoxicological testing as an entity but has been blended from materials with known ecotoxicological data and hazard classification (RIFM). In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict potential hazards arising from unforeseen potentiation, this preparation should be considered and handled as if it displayed health hazards and treated in consequence with all possible precaution.
Skin corrosion / irritation	Hazard statement: H315 Causes skin irritation.
Serious eye damage / irritation	No additional data available
Respiratory or skin sensitisation	Hazard statement: H317 May cause an allergic skin reaction.



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Ingestion	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	Hazard statement : H304 May be fatal if swallowed and enters airways.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

### **12. ECOLOGICAL INFORMATION**

12:1- Toxicity	
Ecotoxicity	<p>This preparation has not been subject to ecotoxicological testing as an entity but has been blended from materials with known ecotoxicological data and hazard classification (RIFM). In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact on vulnerable parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards and treated in consequence with all possible precaution.</p> <p>Aquatic life: Hazard statement: H411 Toxic to aquatic life with long lasting effects.</p>
12:2 - Persistence & degradability	
Persistence & degradability	No additional data available
12:3 - Bioaccumulative Potential	


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Bioaccumulative Potential	Hazard statement: H411 Toxic to aquatic life with long lasting effects
12:4 – Mobility in soil	
Mobility	No additional data available
12:5 – Results of PBT and vPvB assessment	
PBT Assessment Results	This product does not contain any substances classified as PBT or vPvb/CMR
12:6 Other adverse effects	
Precautions	No additional data available


### **13. DISPOSAL CONSIDERATIONS**

13:1 Waste treatment methods	
Disposal Methods	The containers used for this product must be completely empty before disposal. Dispose product and /or contaminated packaging in accordance with federal, state and local environmental control regulations – dispose through the waste water is illegal.

### **14. TRANSPORT INFORMATION**

Warning Icon	
14:1 – UN Number	
UN No Road – ADR/RID/ADN	3082
UN No Sea- IMDG	3082
UN No Air – IATA	3082
14:2 – UN proper shipping name	
Road – ADR/RID/ADN	Environmentally hazardous substance liquid N.O.S

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Sea- IMDG	Environmentally hazardous substance liquid N.O.S
Air - IATA	Environmentally hazardous substance liquid N.O.S
<b>14:3 – Transport Hazard class (es)</b>	
Road – ADR/RID/ADN	9- Miscellaneous dangerous substances and articles
Sea- IMDG	9
Air- IATA	9
<b>14:4 - Packaging group</b>	
Road – ADR/RID/ADN	III
Sea- IMDG	III
Air - IATA	III
<b>14:5 – Environmental hazard</b>	
Environmentally hazardous substance/ marine pollutant.	Environmentally Hazardous Substance/Marine Pollutant 
<b>14:6 - Special precautions for user</b>	
Precautions	This product contains constituents that are flammable and dangerous for the environment – in case of pouring out, make sure to label new packaging accordingly, reproducing original label with relevant symbols
<b>14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code</b>	
Hazchem code	Tariff Number 330290900 NCM (Mercosur) 33029019

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## **15. REGULATORY INFORMATION**

<b>15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.</b>	
EU Directives	Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.
<b>15:2 Chemical Safety assessment</b>	
Assessment information	A chemical assessment for this product has not been carried out.

## **16. OTHER INFORMATION**

Revision Date	20.05.2016	
Rev No/Repl, SDS Generated	5	
Risk Phrases in Full	No additional data available	
Hazard and or precautionary Statements in Full	H304 H315 H317 H411 P210 P241 P262 P273 P280	May be fatal if swallowed and enters airways. Causes skin irritation May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. Keep away from heat/sparks/open flames/hot surfaces – no smoking Use explosion proof electrical/ventilating/lighting/equipment Do not get in eyes, on skin or on clothing. Avoid release to the environment. Wear protective gloves/eye protection/face protection

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	P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P303/361/353 If on skin (or hair): remove/take of immediately all contaminated clothing. Rinse skin with water/shower P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents/container in accordance with applicable regulations
Other Information	None

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.